Luigi Tesio

List of Publications by Year
in descending order

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117 papers	4,665 citations	126901 33 h-index	106340 65 g-index
120 all docs	120 docs citations	120 times ranked	4857 citing authors

#	Article	IF	Citations
1	Neurophysiological and Behavioral Effects of tDCS Combined With Constraint-Induced Movement Therapy in Poststroke Patients. Neurorehabilitation and Neural Repair, 2011, 25, 819-829.	2.9	277
2	A multicenter international study on the Spinal Cord Independence Measure, version III: Rasch psychometric validation. Spinal Cord, 2007, 45, 275-291.	1.9	275
3	Behavioral assessment of unilateral neglect: Study of the psychometric properties of the Catherine Bergego Scale. Archives of Physical Medicine and Rehabilitation, 2003, 84, 51-57.	0.9	273
4	MEASURING BEHAVIOURS AND PERCEPTIONS: RASCH ANALYSIS AS A TOOL FOR REHABILITATION RESEARCH. Journal of Rehabilitation Medicine, 2003, 35, 105-115.	1.1	267
5	Assessing and Adjusting for Cross-Cultural Validity of Impairment and Activity Limitation Scales Through Differential Item Functioning Within the Framework of the Rasch Model. Medical Care, 2004, 42, 37.	2.4	256
6	The ABILHAND Questionnaire as a Measure of Manual Ability in Chronic Stroke Patients. Stroke, 2001, 32, 1627-1634.	2.0	241
7	Trunk Control Test as an Early Predictor of Stroke Rehabilitation Outcome. Stroke, 1997, 28, 1382-1385.	2.0	230
8	ABILHAND: A Rasch-built measure of manual ability. Archives of Physical Medicine and Rehabilitation, 1998, 79, 1038-1042.	0.9	178
9	The Motion of Body Center of Mass During Walking: A Review Oriented to Clinical Applications. Frontiers in Neurology, 2019, 10, 999.	2.4	150
10	The use of raw scores from ordinal scales: Time to end malpractice?. Journal of Rehabilitation Medicine, 2012, 44, 97-98.	1.1	149
11	Depression is the main determinant of quality of life in multiple sclerosis: A classification-regression (CART) study. Disability and Rehabilitation, 2006, 28, 307-314.	1.8	139
12	THE USE OF OUTCOME MEASURES IN PHYSICAL MEDICINE AND REHABILITATION WITHIN EUROPE. Journal of Rehabilitation Medicine, 2001, 33, 273-278.	1.1	128
13	Reliability of four simple, quantitative tests of balance and mobility in healthy elderly females. Aging Clinical and Experimental Research, 1998, 10, 26-31.	2.9	113
14	Rehabilitating patients with left spatial neglect by prism exposure during a visuomotor activity.. Neuropsychology, 2010, 24, 681-697.	1.3	108
15	SHORT FORM OF THE DIZZINESS HANDICAP INVENTORY. American Journal of Physical Medicine and Rehabilitation, 1999, 78, 233-241.	1.4	101
16	SIAMOC position paper on gait analysis in clinical practice: General requirements, methods and appropriateness. Results of an Italian consensus conference. Gait and Posture, 2017, 58, 252-260.	1.4	82
17	Walk ratio (step length/cadence) as a summary index of neuromotor control of gait. International Journal of Rehabilitation Research, 2011, 34, 265-269.	1.3	76
18	The 3-D motion of the centre of gravity of the human body during level walking. II. Lower limb amputees. Clinical Biomechanics, 1998, 13, 83-90.	1.2	72

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19	Efficacy and Safety of Extracranial Vein Angioplasty in Multiple Sclerosis. JAMA Neurology, 2018, 75, 35.	9.0	65
20	The 3-D motion of the centre of gravity of the human body during level walking. I. Normal subjects at low and intermediate walking speeds. Clinical Biomechanics, 1998, 13, 77-82.	1.2	61
21	Improving ideomotor limb apraxia by electrical stimulation of the left posterior parietal cortex. Brain, 2015, 138, 428-439.	7.6	58
22	CROSS-CULTURAL VALIDITY OF FUNCTIONAL INDEPENDENCE MEASURE ITEMS IN STROKE: A STUDY USING RASCH ANALYSIS. Journal of Rehabilitation Medicine, 2005, 37, 23-31.	1.1	57
23	The 3D path of body centre of mass during adult human walking on force treadmill. Journal of Biomechanics, 2010, 43, 938-944.	2.1	50
24	Gait Analysis on Split-Belt Force Treadmills. American Journal of Physical Medicine and Rehabilitation, 2008, 87, 515-526.	1.4	49
25	A unidimensional pain/disability measure for low-back pain syndromes. Pain, 1997, 69, 269-278.	4.2	46
26	The FIMâ„¢ Instrument in the United States and Italy. American Journal of Physical Medicine and Rehabilitation, 2002, 81, 168-176.	1.4	46
27	Autotraction versus passive traction: An open controlled study in lumbar disc herniation. Archives of Physical Medicine and Rehabilitation, 1993, 74, 871-876.	0.9	44
28	Cross-cultural validity of FIM in spinal cord injury. Spinal Cord, 2006, 44, 746-752.	1.9	44
29	Observational case-control study of the prevalence of chronic cerebrospinal venous insufficiency in multiple sclerosis: results from the CoSMo study. Multiple Sclerosis Journal, 2013, 19, 1508-1517.	3.0	42
30	Flexible electrogoniometers: kinesiological advantages with respect to potentiometric goniometers. Clinical Biomechanics, 1995, 10, 275-277.	1.2	37
31	Pathological gaits: inefficiency is not a rule. Clinical Biomechanics, 1991, 6, 47-50.	1.2	36
32	Psychometric properties of the Mini-Mental State Examination in patients with acquired brain injury in Turkey. Journal of Rehabilitation Medicine, 2005, 37, 306-311.	1.1	36
33	Psychometric properties of the Rivermead Mobility Index in Italian stroke rehabilitation inpatients. Clinical Rehabilitation, 2003, 17, 273-282.	2.2	35
34	Spinal Cord Independence Measure, version III: Applicability to the UK spinal cord injured population. Journal of Rehabilitation Medicine, 2009, 41, 723-728.	1.1	35
35	Outcome measurement in behavioural sciences. International Journal of Rehabilitation Research, 2012, 35, 1-12.	1.3	34
36	Restoration of gait with orthoses in thoracic paraplegia: a multicentric investigation. Spinal Cord, 1994, 32, 608-615.	1.9	32

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37	The 3D trajectory of the body centre of mass during adult human walking: Evidence for a speedâ€“curvature power law. Journal of Biomechanics, 2011, 44, 732-740.	2.1	31
38	Home-based palliative approach for people with severe multiple sclerosis and their carers: study protocol for a randomized controlled trial. Trials, 2015, 16, 184.	1.6	28
39	Generic ABILHAND questionnaire can measure manual ability across a variety of motor impairments. International Journal of Rehabilitation Research, 2011, 34, 131-140.	1.3	27
40	The influence of age on length of stay, functional independence and discharge destination of rehabilitation inpatients in Italy. Disability and Rehabilitation, 1996, 18, 502-508.	1.8	24
41	Satisfaction with hospital rehabilitation: Is it related to life satisfaction, functional status, age or education?. Journal of Rehabilitation Medicine, 2002, 34, 105-108.	1.1	24
42	Functional assessment in rehabilitative medicine: principles and methods. Europa Medicophysica, 2007, 43, 515-23.	0.5	21
43	How should we use the visual analogue scale (VAS) in rehabilitation outcomes? I: How much of what? The seductive VAS numbers are not true measures. Journal of Rehabilitation Medicine, 2012, 44, 798-799.	1.1	20
44	Knee rotationplasty: motion of the body centre of mass during walking. International Journal of Rehabilitation Research, 2016, 39, 346-353.	1.3	20
45	Gait analysis on force treadmill in children: comparison with results from ground-based force platforms. International Journal of Rehabilitation Research, 2017, 40, 315-324.	1.3	20
46	DonÂ´t touch the physical in â€physical and rehabilitation medicineâ€. Acta Dermato-Venereologica, 2007, 39, 662-663.	1.3	19
47	Efficacy and safety of venous angioplasty of the extracranial veins for multiple sclerosis. Brave dreams study (brain venous drainage exploited against multiple sclerosis): study protocol for a randomized controlled trial. Trials, 2012, 13, 183.	1.6	19
48	Measuring standing balance in adults. International Journal of Rehabilitation Research, 2013, 36, 362-374.	1.3	19
49	Three-dimensional path of the body centre of mass during walking in children: an index of neural maturation. International Journal of Rehabilitation Research, 2019, 42, 112-119.	1.3	19
50	RTW in back conditions. Disability and Rehabilitation, 2007, 29, 1377-1385.	1.8	18
51	Coordination of Cyclic Coupled Movements of Hand and Foot in Normal Subjects and on the Healthy Side of Hemiplegic Patients. , 1994, , 229-242.		18
52	Crouch gait can be an effective form of forced-use/no constraint exercise for the paretic lower limb in stroke. International Journal of Rehabilitation Research, 2017, 40, 254-267.	1.3	17
53	Limping on split-belt treadmills implies opposite kinematic and dynamic lower limb asymmetries. International Journal of Rehabilitation Research, 2018, 41, 304-315.	1.3	17
54	Italian multicentre observational study of the prevalence of CCSVI in multiple sclerosis (CoSMo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	1.9	16

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55	Surgical leg rotation. International Journal of Rehabilitation Research, 2014, 37, 323-333.	1.3	16
56	LIFE SATISFACTION INDEX. American Journal of Physical Medicine and Rehabilitation, 1999, 78, 509-515.	1.4	16
57	The subjective visual vertical. International Journal of Rehabilitation Research, 2011, 34, 307-315.	1.3	15
58	The illness-disease dichotomy and the biological-clinical splitting of medicine. Medical Humanities, 2021, 47, 507-512.	1.2	15
59	Rehabilitation: the Cinderella of neurological research? A bibliometric study. Italian Journal of Neurological Sciences, 1995, 16, 473-477.	0.1	14
60	Reliability of muscle strength testing quantified by the intraclass correlation coefficient. Archives of Physical Medicine and Rehabilitation, 2002, 83, 582.	0.9	14
61	Multisensory stimulation for the rehabilitation of unilateral spatial neglect. Neuropsychological Rehabilitation, 2021, 31, 1410-1443.	1.6	14
62	Measurement in clinical vs. biological medicine: the Rasch model as a bridge on a widening gap. Journal of Applied Measurement, 2004, 5, 362-6.	0.3	14
63	Transient palsy of hip abductors after a fall on the buttocks. Archives of Orthopaedic and Trauma Surgery, 1990, 109, 164-165.	2.4	13
64	Use of Rasch analysis to refine a patient-reported questionnaire on satisfaction with communication of the multiple sclerosis diagnosis. Multiple Sclerosis Journal, 2014, 20, 1224-1233.	3.0	13
65	Bimanual dexterity assessment. International Journal of Rehabilitation Research, 2016, 39, 57-62.	1.3	13
66	From neuroplastic potential to actual recovery after stroke: A call for cooperation between drugs and exercise. Aging Clinical and Experimental Research, 1991, 3, 97-98.	2.9	10
67	MINDFIM: A measure of disability in high-functioning traumatic brain injury outpatients. Brain Injury, 2006, 20, 913-925.	1.2	9
68	Quality of life measurement: one size fits all. Rehabilitation medicine makes no exception. Journal of Medicine and the Person, 2009, 7, 5-9.	0.1	9
69	APAs Constraints to Voluntary Movements: The Case for Limb Movements Coupling. Frontiers in Human Neuroscience, 2017, 11, 152.	2.0	9
70	Phonemic fluency improved after inhibitory transcranial magnetic stimulation in a case of chronic aphasia. International Journal of Rehabilitation Research, 2019, 42, 92-95.	1.3	9
71	Spinal cord lesion after penicillin gluteal injection. Spinal Cord, 1992, 30, 442-444.	1.9	8
72	A new grading for easy and concise description of functional status after spinal cord lesions. Spinal Cord, 2012, 50, 42-50.	1.9	8

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73	Rehabilitation and outcome measurement: where is Rasch analysis-going?. Europa Medicophysica, 2007, 43, 417-26.	0.5	8
74	From codes to language: is the ICF a classification system or a dictionary?. BMC Public Health, 2011, 11, S2.	2.9	7
75	A theoretical framework to improve the construct for chronic pain disorders using fibromyalgia as an example. Therapeutic Advances in Musculoskeletal Disease, 2021, 13, 1759720X2096649.	2.7	7
76	The Cause of Back Pain and Sciatica may be a Venous Matter too. Rheumatology, 1991, 30, 70-71.	1.9	6
77	Functional Mobility Measures in Older Adults After Hip Fracture. American Journal of Physical Medicine and Rehabilitation, 2003, 82, 901-902.	1.4	6
78	The good-hearted and the clever: clinical medicine at the bottom of the barrel of science. Journal of Medicine and the Person, 2010, 8, 103-111.	0.1	6
79	Reliability Validity and Responsiveness of the Spinal Cord Independence Measure 4th Version in a Multicultural Setup. Archives of Physical Medicine and Rehabilitation, 2022, 103, 430-440.e2.	0.9	6
80	Balance Impairment in Fahrâ€™s Disease: Mixed Signs of Parkinsonism and Cerebellar Disorder. A Case Study. Frontiers in Human Neuroscience, 2022, 16, 832170.	2.0	6
81	How specific is a medical speciality? A semiserious game to test your understanding of physical and rehabilitation medicine. International Journal of Rehabilitation Research, 2012, 35, 378-381.	1.3	5
82	Alternative Medicines. American Journal of Physical Medicine and Rehabilitation, 2013, 92, 542-545.	1.4	5
83	Individualized Coaching After Stroke Does Not Work. American Journal of Physical Medicine and Rehabilitation, 2020, 99, e3-e6.	1.4	5
84	6.3B Scientific Background of Physical and Rehabilitation Medicine. The Journal of the International Society of Physical and Rehabilitation Medicine, 2019, 2, S113-S121.	0.3	5
85	Level of Activity in Profound/Severe Mental Retardation (LAPMER): a Rasch-derived scale of disability. Journal of Applied Measurement, 2002, 3, 50-84.	0.3	5
86	EMG-Feedback from two muscles in postural reactions: A new pocket device for the patient-therapist pair. Journal of Electromyography and Kinesiology, 1996, 6, 277-279.	1.7	4
87	Ataxia and imbalance in multiple sclerosis. , 0, , 201-214.		4
88	Electromyographic latency of postural evoked responses from the leg muscles during EquiTest Computerised Dynamic Posturography: Reference data on healthy subjects. Journal of Electromyography and Kinesiology, 2014, 24, 126-133.	1.7	4
89	Physical and rehabilitation medicine targets relational organs. International Journal of Rehabilitation Research, 2020, 43, 193-194.	1.3	4
90	Ground Walking in Chronic Complete Spinal Cord Injury. American Journal of Physical Medicine and Rehabilitation, 2021, 100, e43-e47.	1.4	4

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91	Kinematic patterns during walking in children: Application of principal component analysis. Human Movement Science, 2021, 80, 102892.	1.4	4
92	COVID-19 pandemic: why time-dependent rehabilitation is forgotten. International Journal of Rehabilitation Research, 2021, 44, 1-2.	1.3	4
93	Efficacy of Repetitive Transcranial Magnetic Stimulation for Acute Central Post-stroke Pain: A Case Study. Frontiers in Neurology, 2021, 12, 742567.	2.4	4
94	Frequency coding of input signal transients in alpha motoneurones of cat. Brain Research, 1979, 160, 155-158.	2.2	3
95	Mobility scales for lower limb-prosthetic patient: The locomotor capabilities index. Archives of Physical Medicine and Rehabilitation, 2002, 83, 582-583.	0.9	3
96	Crying spells triggered by thumb-index rubbing after thalamic stroke: a case report. BMC Research Notes, 2017, 10, 109.	1.4	3
97	Measuring voluntary activation of the Quadriceps femoris during isokinetic concentric contractions. Isokinetics and Exercise Science, 2019, 27, 125-134.	0.4	3
98	rTMS can improve post-stroke apraxia of speech. A case study. Brain Stimulation, 2019, 12, 380-382.	1.6	3
99	Velocity of the Body Center of Mass During Walking on Split-Belt Treadmill. American Journal of Physical Medicine and Rehabilitation, 2021, 100, 620-624.	1.4	3
100	The curvature peaks of the trajectory of the body centre of mass during walking: A new index of dynamic balance. Journal of Biomechanics, 2021, 123, 110486.	2.1	3
101	Autotraction Treatment for Low-Back Pain Syndromes. Critical Reviews in Physical and Rehabilitation Medicine, 1995, 7, 1-9.	0.1	3
102	Autotraction treatment for low-back pain in pregnancy: a pilot study. Clinical Rehabilitation, 1994, 8, 314-319.	2.2	2
103	A model for fatigue generation and exercise prescription in multiple sclerosis patients. Neurological Sciences, 2006, 27, s300-s303.	1.9	2
104	How motoneurones control velocity of tension development. Journal of Physiology, 2020, 598, 1109-1110.	2.9	2
105	Dynamic Asymmetries Do Not Match Spatiotemporal Step Asymmetries during Split-Belt Walking. Symmetry, 2021, 13, 1089.	2.2	2
106	Rasch analysis: valid, useful,or both?. European Journal of Physical and Rehabilitation Medicine, 2008, 44, 365-6.	2.2	2
107	Comments on the Spinal Cord Ability Ruler. Spinal Cord, 2018, 56, 523-524.	1.9	1
108	Standard Psychometric Criteria for Measurements in Physical and Rehabilitation Medicine. American Journal of Physical Medicine and Rehabilitation, 2021, Publish Ahead of Print, .	1.4	1

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109	Quadriceps activation during maximal isometric and isokinetic contractions: The minimal real difference and its implications. Isokinetics and Exercise Science, 2021, 29, 277-289.	0.4	1
110	Funding Medical Research Projects: Taking into Account Referees' Severity and Consistency through Many-Faceted Rasch Modeling of Projects' Scores. Journal of Applied Measurement, 2015, 16, 129-52.	0.3	1
111	Reply from DR L Tesio MD. Spinal Cord, 1995, 33, 740-740.	1.9	0
112	Role of neurological research in rehabilitation after central nervous system diseases. Italian Journal of Neurological Sciences, 1996, 17, 255-256.	0.1	0
113	Case-mix in rehabilitation: a useful way to achieve a specific goal. Clinical Rehabilitation, 2000, 14, 112-114.	2.2	0
114	Functional Mobility Measures. American Journal of Physical Medicine and Rehabilitation, 2003, 82, 775-777.	1.4	0
115	Inpatient Rehabilitation Units: Age and Comorbidities Are Not Relevant if Admission Fits the Mission. Practical Issues in Geriatrics, 2018, , 521-529.	0.8	0
116	Analisi di Rasch e questionari di misura. , 2008, , .		0
117	Rasch-derived latent trait measurement of outcomes: insightful use leads to precision case management and evidence-based practices in functional healthcare. Journal of Applied Measurement, 2010, 11, 230-43.	0.3	0